



How to Make Incident & Injury Free Start With Me

Identifying & Mitigating Risk

Keeping LPSA Fresh

**Q1 2011 Proactive Event
Richmond Refinery**

Week of March 14

Using LPSA for Risk Assessment



We are faced with risk many times during our work day and a majority of the time we identify and mitigate those risks in a positive way that prevents losses from occurring.

If a loss does occur, it could be a personal injury, financial, environmental, or regulatory loss. Usually, when a loss does occur, it is followed by someone saying words such as, “oops, oh no, rats, uh-oh”, or other choice interjections.

Being able to prevent a loss, depends a great deal on our ability to identify and mitigate the risks, **prior to** performing the task.


Using LPSA for Risk Assessment



One of the tools we have to help us identify risk is the LPSA. The LPSA is a brief, paperless, risk assessment conducted **prior** to the start of a work activity or task and **anytime conditions or situations change**.

LOSS PREVENTION SELF-ASSESSMENT

BEFORE BEGINNING ANY ACTIVITY/TASK/JOB, AFTER A LOSS OR NEAR LOSS, ANY UNUSUAL CIRCUMSTANCES:



ASSESS the risk!
What could go wrong?
What is the worst thing that could happen if something does go wrong?

ANALYZE how to reduce the risk!
Do I have all the necessary Training and Knowledge to do this job properly?
Do I have all the proper Tools and Personal Protective Equipment?

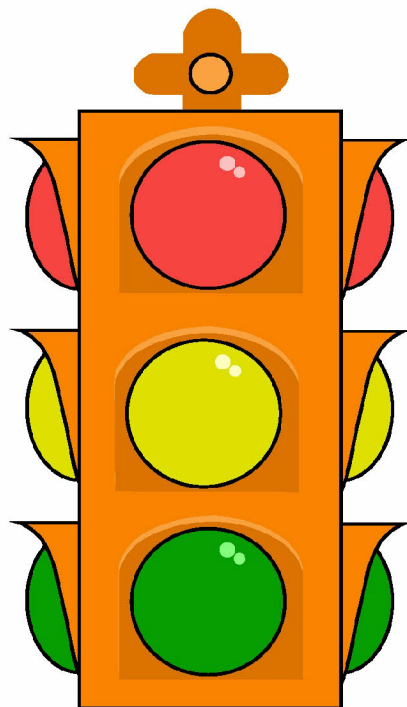
ACT to ensure loss-free operations!
Take necessary Action to ensure the job is done properly!
Follow written procedures! Ask for assistance, if needed!

DO NOT PROCEED UNLESS ALL RISKS HAVE BEEN ADDRESSED!
For Everyone • Every Day • All the Time

Using LPSA for Risk Assessment



The LPSA is a three step hazard and risk assessment. It uses the universal symbol of a traffic light to identify each step.



Using LPSA for Risk Assessment



Step 1. Red Light - -STOP! **Assess** The Risk.

Before beginning any task, ask yourself questions such as:

- What could go wrong while performing this task?
- What has gone wrong in the past?
- What are the potential losses that could occur?
- What is different this time?
- What's the worst that could happen?

Using LPSA for Risk Assessment

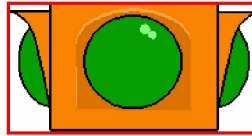


Step 2. Yellow Light. **Analyze** how to reduce the risk.

While thinking about how to reduce the risk, ask yourself questions such as:

- Have I been trained to perform this task?
- Do I have the proper tools and equipment?
- Do I have the proper Standard, Check List or Procedure?
- Do I fully understand what is expected of me while performing this task, and if not, what steps should I take?

Using LPSA for Risk Assessment



Step 3. Green Light – **Act** to ensure loss free operation.

Has everything in the Analyze step been addressed?

- Did you get the right tool?
- Did you read the procedure or standard? Is it correct?
- Did you get the right training?
- Did you get clarification of any questions you have?

Using LPSA for Risk Assessment



If all questions in the Analyze step have not been addressed, use your **Stop/Pause Work Authority** and take action to prevent a loss.

Performing steps 1 & 2 and not taking appropriate action, is **not** a LPSA.

Example: "I understood the risk of standing on the top rung of the ladder, but because the job was only going to take a second, I did it anyway. I've done it before and nothing happened".

Simply saying " I'll work carefully" as your action step is not an adequate LPSA.

Benefits of LPSA (what's in it for me?)



The practical benefits of routinely performing LPSA.

- Being able to go home safe every day to the people you love and the things you enjoy.
- Having the refinery still be here to come back to the next day (preventing financial, equipment and environmental loss).
- Helps personnel assess whether they have the proper training, knowledge, skills, procedures, tools & equipment to perform tasks safely and efficiently.

Take a moment in your work group to discuss the following questions:

1. Do you truly believe that all losses can be prevented? Why or why not?
2. Can you think of a time when you have suffered a loss at work?
3. Would a LPSA/Risk Assessment have helped prevent that loss?
4. What steps should you take if you feel you don't have the proper training, tools or procedures to perform a task?